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IS 5459 (1969): Base Balls [PCD 22: Sports Goods]

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Indian Standard (Reaffirmed 2000)

SPECIFICATION FOR BASE BALLS

[In preparing this standard, rules and regulations of the game accepted internationally have been adhered to while giving consideration to the manufacturing and testing practices prevalent in the country and abroad. Any change occurring in these rules and regulations will immediately be taken care of by the Sectional Committee in consultation with the national controlling body of the game in the country.]

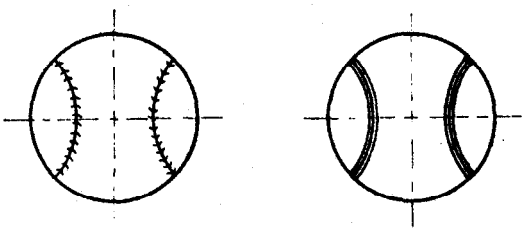
1. Scope — Dimensions and requirements for outdoor and indoor base balls.

2. Material

2.1 *Core* — Corkwood and rubber, wrapped tightly with woollen yarn (proportion of corkwood to rubber to be as agreed to between the purchaser and the manufacturer). In addition, a layer of fluffy cotton may be provided over the core for better feel, if considered necessary by the manufacturer.

2.2 *Cover* — Tight textured cowhide leather, free from flay cuts and grain defects, semi-chrome tanned or chrome tanned, natural or dyed in any colour as agreed to between the purchaser and the manufacturer. However, at the end of tanning operation and before drying, suitable fungicides shall be incorporated into the leather and these shall be effective and non-toxic. Further the tanned leather shall be substantially fat-liquored and grain finished smooth. The pieces of leather used for construction shall be such as will stretch uniformly, so as to avoid the ball losing shape in usage.

3. Shape and Dimensions — As shown in Fig. 1.



INDOOR	OUTDOOR
Circumference	229 to 235 mm
Weight	142 to 149 g

FIG. 1 BASE BALL

4. Construction and Workmanship — Core shall be obtained as detailed in **2.1**. The two sections of the cover shall then be stitched over this as shown in Fig. 1. The sections shall be well stitched and the stitches shall be well stretched out. The thread used for stitching shall be strong enough to withstand the normal usage. The finished ball shall be substantially round and polished bright.

5. Marking — To be marked with the following:

a) Manufacturer's name or initials, or recognized trade-mark; and

b) The words 'Made in India' and 'outdoor' and 'indoor'.

5.1 *ISI Certification Marking* — Details available from Indian Standards Institution.

6. Packing — Each ball shall be wrapped in moisture proof paper and packed in cardboard boxes or as agreed to between the purchaser and the manufacturer.

Adopted 22 December 1969 © June 1970, ISI P[redacted] Gr I

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Sports Goods Sectional Committee, CPDC 4; Footballs, Volleyballs, Basketballs and Water Polo Balls Subcommittee, CPDC 4:1 [Ref : Doc : CPDC 4(441)]

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